

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 15-Jun-09 | 800 | 9.5 | 342 | NNW | 55.8 | 29.8 | 4.8 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 900 | 17.5 | 14 | NNE | 52.6 | 23.9 | 3.6 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1000 | 17.0 | 25 | NNE | 52.8 | 39.4 | 8.9 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1100 | 20.2 | 45 | NE | 52.4 | 16.4 | 1.7 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1200 | 16.9 | 35 | NE | 50.8 | 20.5 | 1.4 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1300 | 6.9 | 56 | NE | 54.6 | 32.6 | 3.6 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1400 | 11.7 | 139 | SE | 51.8 | 35.8 | 3.2 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1500 | 27.3 | 274 | W | 53.3 | 6.4 | 0.9 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1600 | 24.2 | 294 | WNW | 51.6 | 6.4 | 2.6 | 0.2 | 0 | 0 | 0 |
| 15-Jun-09 | 1700 | 22.7 | 265 | W | 50.9 | 6.0 | 1.8 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1800 | 22.1 | 287 | WNW | 49.7 | 9.0 | 2.1 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 1900 | 17.2 | 287 | WNW | 46.7 | 7.7 | 1.8 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 2000 | 10.2 | 306 | NW | 47.9 | 8.3 | 2.5 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 2100 | 13.5 | 302 | WNW | 49.2 | 9.6 | 3.3 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 2200 | 13.8 | 301 | WNW | 43.4 | 10.7 | 2.8 | 0 | 0 | 0 | 0 |
| 15-Jun-09 | 2300 | 7.1 | 261 | W | 43.4 | 10.2 | 1.9 | 0 | 0 | 0 | 0 |

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|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 15-Jun-09 | 2400 | 10.4 | 265 | W | 43.5 | 9.2 | 1.0 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 100 | 10.2 | 265 | W | 39.5 | 7.5 | 1.8 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 200 | 9.9 | 268 | W | 39.9 | 12.6 | 1.3 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 300 | 10.9 | 259 | WSW | 38.0 | 9.2 | 1.7 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 400 | 12.9 | 265 | W | 39.3 | 6.4 | 3.3 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 500 | 16.1 | 277 | W | 43.9 | 4.5 | 0.3 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 600 | 19.0 | 281 | W | 50.0 | 4.9 | 0.4 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 700 | 23.1 | 307 | NW | 54.5 | 2.3 | 0.2 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 800 | 24.0 | 326 | NNW | 54.0 | 5.3 | 0.2 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 900 | 23.2 | 333 | NNW | 51.4 | 7.5 | 1.3 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1000 | 21.3 | 329 | NNW | 55.6 | 20.9 | 5.9 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1100 | 21.3 | 346 | NNW | 54.1 | 16.4 | 4.3 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1200 | 22.6 | 360 | N | 53.7 | 24.5 | 2.9 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1300 | 18.6 | 324 | NW | 54.5 | 30.7 | 1.8 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1400 | 14.2 | 240 | WSW | 60.4 | 16.6 | 4.0 | 6.5 | 0 | 0 | 0 |
| 16-Jun-09 | 1500 | 15.4 | 18 | NNE | 59.3 | 23.2 | 5.9 | 1.1 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 16-Jun-09 | 1600 | 13.1 | 71 | ENE | 56.2 | 24.3 | 3.8 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1700 | 9.0 | 98 | E | 52.7 | 12.6 | 3.1 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1800 | 7.2 | 258 | WSW | 50.8 | 7.5 | 4.7 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 1900 | 7.1 | 264 | W | 46.0 | 11.1 | 3.2 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 2000 | 4.5 | 244 | WSW | 49.8 | 16.6 | 4.7 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 2100 | 4.5 | 220 | SW | 53.2 | 13.4 | 2.5 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 2200 | 7.6 | 127 | SE | 49.0 | 24.7 | 4.0 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 2300 | 9.4 | 177 | S | 48.4 | 22.2 | 5.9 | 0 | 0 | 0 | 0 |
| 16-Jun-09 | 2400 | 11.1 | 191 | S | 45.6 | 23.4 | 5.2 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 100 | 9.8 | 212 | SSW | 42.0 | 16.2 | 3.0 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 200 | 10.5 | 251 | WSW | 40.6 | 12.2 | 5.2 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 300 | 13.8 | 276 | W | 39.2 | 19.0 | 2.8 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 400 | 16.1 | 277 | W | 44.4 | 10.0 | 6.1 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 500 | 15.3 | 287 | WNW | 49.2 | 9.6 | 6.7 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 600 | 11.8 | 289 | WNW | 52.6 | 10.9 | 6.6 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 700 | 14.4 | 293 | WNW | 52.4 | 11.7 | 5.3 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 17-Jun-09 | 800 | 16.3 | 289 | WNW | 58.3 | 12.4 | 2.6 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 900 | 12.7 | 294 | WNW | 60.8 | 13.6 | 0.7 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1000 | 12.0 | 294 | WNW | 57.8 | 16.4 | 2.0 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1100 | 9.7 | 327 | NNW | 54.5 | 14.5 | 2.1 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1200 | 7.2 | 287 | WNW | 58.0 | 14.1 | 2.3 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1300 | 14.1 | 262 | W | 54.4 | 36.9 | 0.2 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1400 | 22.6 | 282 | WNW | 65.1 | 3.6 | 1.0 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1500 | 25.0 | 329 | NNW | 57.1 | 8.5 | 2.0 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1600 | 20.4 | 260 | W | 52.4 | 7.5 | 0.7 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1700 | 23.8 | 258 | WSW | 55.3 | 7.9 | 2.2 | 0.3 | 0 | 0 | 0 |
| 17-Jun-09 | 1800 | 11.8 | 196 | SSW | 48.8 | 5.5 | 2.1 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 1900 | 13.3 | 234 | SW | 49.1 | 10.7 | 3.4 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 2000 | 7.9 | 254 | WSW | 41.1 | 7.7 | 1.0 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 2100 | 19.1 | 352 | N | 48.2 | 6.2 | 3.5 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 2200 | 20.6 | 335 | NNW | 48.6 | 7.0 | 2.1 | 0 | 0 | 0 | 0 |
| 17-Jun-09 | 2300 | 30.0 | 345 | NNW | 58.6 | 3.6 | 0.1 | 0.1 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

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|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
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| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 17-Jun-09 | 2400 | 33.7 | 337 | NNW | 60.4 | 1.5 | 1.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 100 | 26.7 | 339 | NNW | 54.9 | 1.7 | 1.0 | 0.1 | 0 | 0 | 0 |
| 18-Jun-09 | 200 | 24.3 | 338 | NNW | 48.7 | 1.1 | 0.8 | 0.4 | 0 | 0 | 0 |
| 18-Jun-09 | 300 | 13.3 | 305 | NW | 39.7 | 3.0 | 3.0 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 400 | 13.0 | 281 | W | 41.1 | 1.7 | 0.6 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 500 | 17.1 | 295 | WNW | 45.5 | 3.0 | 0.6 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 600 | 16.1 | 305 | NW | 54.8 | 2.6 | 0.4 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 700 | 20.4 | 325 | NW | 54.8 | 2.1 | 0.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 800 | 30.9 | 339 | NNW | 57.4 | 1.5 | 0.5 | 0.1 | 0 | 0 | 0 |
| 18-Jun-09 | 900 | 24.9 | 351 | N | 52.6 | 1.9 | 0.6 | 0.3 | 0 | 0 | 0 |
| 18-Jun-09 | 1000 | 30.5 | 358 | N | 61.0 | 4.3 | 1.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1100 | 19.1 | 359 | N | 51.7 | 3.4 | 0.3 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1200 | 18.4 | 340 | NNW | 49.5 | 4.0 | 0.9 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1300 | 15.8 | 325 | NW | 49.4 | 3.8 | 0.6 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1400 | 17.3 | 347 | NNW | 51.2 | 6.0 | 0.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1500 | 6.6 | 17 | NNE | 53.1 | 4.5 | 0.9 | 0 | 0 | 0 | 0 |

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|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 18-Jun-09 | 1600 | 18.6 | 292 | WNW | 56.2 | 6.4 | 0.9 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1700 | 13.9 | 171 | S | 52.9 | 9.8 | 2.8 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1800 | 7.9 | 180 | S | 51.9 | 18.7 | 3.0 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 1900 | 5.9 | 130 | SE | 52.7 | 6.2 | 2.1 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 2000 | 9.6 | 7 | N | 49.8 | 7.5 | 2.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 2100 | 11.9 | 137 | SE | 48.0 | 16.6 | 2.6 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 2200 | 10.4 | 174 | S | 49.2 | 15.6 | 3.7 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 2300 | 9.7 | 176 | S | 44.2 | 15.8 | 4.2 | 0 | 0 | 0 | 0 |
| 18-Jun-09 | 2400 | 4.2 | 202 | SSW | 47.9 | 11.7 | 5.0 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 100 | 4.0 | 202 | SSW | 40.1 | 11.3 | 2.4 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 200 | 5.6 | 214 | SW | 41.3 | 9.4 | 3.4 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 300 | 9.0 | 235 | SW | 45.7 | 9.0 | 1.6 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 400 | 11.4 | 283 | WNW | 50.7 | 7.2 | 2.9 | 0 | 1 | 0 | 0 |
| 19-Jun-09 | 500 | 7.4 | 311 | NW | 48.5 | 10.7 | 3.8 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 600 | 10.2 | 276 | W | 50.7 | 11.5 | 2.7 | 0 | 1 | 0 | 0 |
| 19-Jun-09 | 700 | 14.5 | 295 | WNW | 53.0 | 5.5 | 1.3 | 0 | 0 | 0 | 0 |

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|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | 1 Hour Average – 80 ug/m3 | | | | | | |
| TSP | | | | | 1 Hour Average – 267 ug/m3 | | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
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| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
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| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 19-Jun-09 | 800 | 22.6 | 311 | NW | 50.8 | 3.0 | 2.2 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 900 | 20.4 | 332 | NNW | 51.7 | 9.2 | 1.3 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1000 | 16.9 | 357 | N | 56.3 | 6.8 | 2.9 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1100 | 18.4 | 355 | N | 51.4 | 11.1 | 1.5 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1200 | 8.4 | 23 | NNE | 58.5 | 12.8 | 2.1 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1300 | 6.5 | 342 | NNW | 56.9 | 13.4 | 0.3 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1400 | 6.6 | 179 | S | 68.1 | 20.2 | 3.2 | 0 | 1 | 0 | 0 |
| 19-Jun-09 | 1500 | 16.4 | 204 | SSW | 54.8 | 11.5 | 2.3 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1600 | 14.3 | 243 | WSW | 53.6 | 31.7 | 0.2 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1700 | 17.7 | 266 | W | 47.1 | 6.6 | 0.4 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1800 | 20.6 | 262 | W | 49.7 | 3.2 | 0.9 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 1900 | 11.2 | 255 | WSW | 48.3 | 4.0 | 2.3 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 2000 | 10.0 | 265 | W | 42.7 | 3.8 | 1.2 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 2100 | 11.8 | 281 | W | 41.3 | 1.9 | 1.6 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 2200 | 11.6 | 344 | NNW | 45.0 | 5.1 | 0.2 | 0 | 0 | 0 | 0 |
| 19-Jun-09 | 2300 | 13.8 | 346 | NNW | 46.7 | 16.6 | 3.7 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 19-Jun-09 | 2400 | 19.2 | 334 | NNW | 49.6 | 6.8 | 4.3 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 100 | 17.3 | 336 | NNW | 44.4 | 28.3 | 3.9 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 200 | 12.0 | 325 | NW | 44.1 | 29.8 | 6.6 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 300 | 10.0 | 303 | WNW | 40.3 | 27.1 | 5.8 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 400 | 11.0 | 252 | WSW | 38.6 | 14.5 | 1.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 500 | 12.4 | 256 | WSW | 39.8 | 12.8 | 1.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 600 | 13.7 | 263 | W | 46.2 | 5.1 | 0.9 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 700 | 19.2 | 275 | W | 52.6 | 5.8 | 1.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 800 | 19.5 | 279 | W | 49.2 | 2.6 | 0.2 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 900 | 18.1 | 290 | WNW | 46.8 | 3.0 | 1.2 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1000 | 12.8 | 300 | WNW | 56.2 | 2.8 | 1.8 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1100 | 8.2 | 25 | NNE | 53.8 | 2.1 | 0.2 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1200 | 9.7 | 220 | SW | 57.8 | 4.0 | 0.6 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1300 | 7.1 | 145 | SE | 64.8 | 2.8 | 0.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1400 | 8.1 | 187 | S | 48.8 | 2.8 | 0.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1500 | 12.5 | 161 | SSE | 50.3 | 2.3 | 0.2 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 20-Jun-09 | 1600 | 20.2 | 129 | SE | 52.9 | 6.2 | 0.3 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1700 | 15.0 | 124 | SE | 51.9 | 11.7 | 0.6 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1800 | 14.4 | 88 | E | 47.5 | 3.6 | 0.3 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 1900 | 15.8 | 92 | E | 49.7 | 15.8 | 4.7 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 2000 | 13.4 | 99 | E | 46.3 | 9.6 | 4.3 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 2100 | 11.9 | 80 | E | 53.8 | 10.4 | 4.3 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 2200 | 7.7 | 82 | E | 53.4 | 13.6 | 4.4 | 0 | 1 | 0 | 0 |
| 20-Jun-09 | 2300 | 6.4 | 154 | SSE | 45.6 | 10.4 | 4.8 | 0 | 0 | 0 | 0 |
| 20-Jun-09 | 2400 | 14.5 | 299 | WNW | 50.8 | 7.5 | 1.3 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 100 | 23.5 | 341 | NNW | 50.4 | 5.5 | 1.2 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 200 | 27.2 | 345 | NNW | 55.0 | 2.8 | 2.0 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 300 | 27.0 | 347 | NNW | 53.0 | 3.0 | 0.8 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 400 | 32.6 | 342 | NNW | 57.5 | 1.9 | 0.8 | 0.2 | 0 | 0 | 0 |
| 21-Jun-09 | 500 | 28.1 | 359 | N | 57.2 | 4.0 | 0.4 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 600 | 26.5 | 356 | N | 54.2 | 1.1 | 1.0 | 0.3 | 0 | 0 | 0 |
| 21-Jun-09 | 700 | 29.8 | 19 | NNE | 58.5 | 4.3 | 1.6 | 2.6 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 21-Jun-09 | 800 | 26.2 | 339 | NNW | 53.8 | 2.3 | 0.2 | 0.1 | 0 | 0 | 0 |
| 21-Jun-09 | 900 | 25.5 | 339 | NNW | 53.1 | 2.8 | 0.4 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1000 | 32.2 | 334 | NNW | 59.6 | 1.7 | 0.6 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1100 | 30.4 | 332 | NNW | 57.5 | 1.5 | 0.4 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1200 | 26.6 | 333 | NNW | 54.2 | 3.4 | 2.5 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1300 | 23.2 | 345 | NNW | 53.0 | 4.5 | 0.9 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1400 | 21.3 | 9 | N | 53.9 | 1.9 | 0.6 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1500 | 18.7 | 5 | N | 50.8 | 5.8 | 0.7 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1600 | 22.2 | 12 | NNE | 52.8 | 8.7 | 0.2 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1700 | 23.2 | 13 | NNE | 52.9 | 8.5 | 0.7 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1800 | 16.5 | 4 | N | 51.9 | 9.4 | 1.3 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 1900 | 20.1 | 360 | N | 51.8 | 2.8 | 2.1 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 2000 | 15.4 | 349 | NNW | 47.4 | 4.9 | 2.7 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 2100 | 16.9 | 355 | N | 52.5 | 5.3 | 1.3 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 2200 | 15.6 | 352 | N | 46.5 | 7.2 | 2.6 | 0 | 0 | 0 | 0 |
| 21-Jun-09 | 2300 | 11.0 | 329 | NNW | 38.0 | 10.0 | 2.0 | 0 | 0 | 0 | 0 |

Lafarge Stoney Trailer Hourly Average Data

| Date | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm 1=Alarm 0=No Alarm | TSP Alarm 1=Alarm 0=No Alarm | PM2.5 Alarm 1=Alarm 0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Alarms | | | | | | | | | | | |
| PM2.5 | | | | | | 1 Hour Average – 80 ug/m3 | | | | | |
| TSP | | | | | | 1 Hour Average – 267 ug/m3 | | | | | |
| SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour | | | | | | | | | | | |
| MST Mountain Standard time is applied to data; when Dalight Saving Time is in effect, it is used for alarm consideration | | | | | | | | | | | |
| Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Evenings (10:01pm-9:00am) – 50 dba | | | | | | | | | | | |
| 1 Hour Average – Weekends (Sun & holidays) Daytime (9:01am-10:00pm) – 65 dba | | | | | | | | | | | |
| | | | | | | | | | | | |
| 21-Jun-09 | 2400 | 14.3 | 320 | NW | 40.1 | 9.0 | 2.9 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 100 | 19.2 | 328 | NNW | 45.3 | 7.9 | 1.4 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 200 | 22.1 | 333 | NNW | 48.5 | 6.6 | 0.8 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 300 | 24.9 | 342 | NNW | 50.4 | 3.8 | 0.9 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 400 | 19.8 | 345 | NNW | 43.4 | 5.8 | 1.8 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 500 | 26.9 | 333 | NNW | 53.4 | 2.3 | 1.2 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 600 | 30.3 | 334 | NNW | 56.3 | 1.7 | 0.4 | 0 | 0 | 0 | 0 |
| 22-Jun-09 | 700 | 26.3 | 334 | NNW | 56.6 | 1.5 | 0.6 | 0 | 0 | 0 | 0 |